



Special Issue on
Theory of Complex Variable Functions

Call for Papers

Theory of Complex Variable Functions is the branch of mathematical analysis that investigates functions of complex numbers, and is also known as complex analysis. Complex analysis is particularly concerned with the analytic functions of complex variables. It is useful in many branches of mathematics, including algebraic geometry, number theory, applied mathematics. Because the separate real and imaginary parts of any analytic function must satisfy Laplace's equation, the theory of complex variable functions is widely applicable to two-dimensional problems in physics. As one of most important roles in the mathematical analysis, **theory of complex variable functions** is of great attractions to researchers.

In this special issue, we intend to invite front-line researchers and authors to submit original researches and review articles on exploring **theory of complex variable functions**. Potential topics include, but are not limited to:

- Single valued analytic function theory
- Riemann surface theory
- Geometric function theory
- Residue theory
- Generalized analytic function
- The application of complex analysis

Authors should read over the journal's [Authors' Guidelines](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly notice that the “**Special Issue**” under your manuscript title is supposed to be specified and the research field “**Special Issue - Theory of Complex Variable Functions**” should be chosen during your submission.

According to the following timetable:

Submission Deadline	June 26th, 2014
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